

AD-A110 321

AAI CORP COCKEYSVILLE MD

F/6 5/9

MINUTES OF PHYSICAL CONFIGURATION AUDIT FOR THE F-16 ELECTRONIC--ETC(U)

DEC 81

F33657-79-C-0820

UNCLASSIFIED

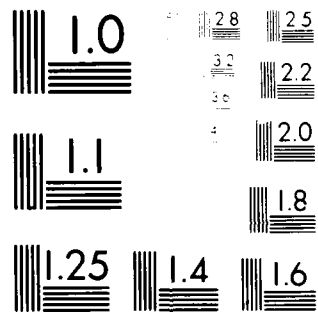
AAI-ER-11613

NL

1 of 1
40 A
10 12

END
DATE
FILMED

02 82
DTIC



MICROCOPY RESOLUTION TEST CHART
NBS 1010-A

AD A110321

LEVA

①

DTIC
ELECTE
S D

DTIC
ELECTE
S D

LEVEL II

①



MINUTES
OF
PHYSICAL CONFIGURATION AUDIT
FOR THE
F-16 ELECTRONIC WARFARE
TRAINING DEVICE

Report No. ER-11613

December 1981
Date

DTIC
FEB 0 1 1982
E

Accession For	
NTIS GARD	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	<input type="checkbox"/>
by <u>Letter or File</u>	
Distribution/	
Availability Codes	
Avail and/or	
Dist	Special
A	

Contract No. F33657-79-C-0820
Sequence No. 00C
Data Item No. DI-E-3118/M

R. Putnam Jr.
R. Putnam
AAI/Configuration Manager

102-303

Table of Contents

<u>Section</u>	<u>Page</u>
I. Discussion	1
II. Comments on PCA	2
III. List of Attendees	3
IV. In Plant PCA Plan	4
V. List of Assemblies to be Audited	5
VI. PCA Agenda	6
VII. Configuration Audit Discrepancy/Comment Reports	7

SECTION I

DISCUSSION

DISCUSSION

In accordance with the contract and the Configuration Management Plan a Physical Configuration Audit (PCA) of the F-16 Electronic Warfare Training Device was conducted by Aeronautical Systems Division personnel from 14 December thru 16 December 1981 at the facilities of AAI Corporation, Cockeysville, Maryland.

The purpose of this audit was to conduct a formal examination of the as-built version of the simulator against its technical engineering drawings in order to establish the simulator's Product Baseline.

The audit team was supplied with all documentation required to perform a complete PCA to the hardware consisting of hardware drawings, manufacturing orders, release sheets, master engineering data list and commercial manuals of the computer and CRT units.

Thirty discrepancy/comment reports were written. Each of these reports have been annotated with corrective action and are included as Section VII of these minutes.

SECTION II

COMMENTS ON PCA

The F-16 EWTD Physical Configuration Audit conducted 14-16 December 1981 was very well supported by the AAI team. The results showed very good documentation and configuration control. A conditional product baseline is established by this audit to be completed after correction of noted discrepancies and recheck of any items changed as a result of integration with the F-16 TFS. TAC DTT will recheck the AAI corrections and clear the checklists as they are presented. Documentation corrections may be cleared at AAI, but hardware corrections must be cleared in Houston with accompanying documentation to be supplied by AAI.



Peggy Jones
Co-Chairperson
F-16 EWTD PCA

We, TAC, conclude the F-16 EWTD Hardware PCA went extremely well. Good advance planning on the part of the USAF and AAI resulted in a smooth and comprehensive audit. We wish to thank the AAI audit team for their efforts.



Sgt. J. Higgins
F-16 DTT

SECTION III

LIST OF ATTENDEES

LIST OF ATTENDEES

<u>NAME</u>	<u>LOCATION/CODE</u>	<u>PHONE</u>
R. Putnam	AAI Corporation Configuration Management	(301) 628-8410
P. Jones	ASD/YWC Configuration Management	(513) 255-7296
P. Hufham	388 CRS/MACD	(801) 777-3085
Lt. Jay Trageser	ASD/YWL	(513) 255-7491
E. Rektorik	AAI Corporation Lead Engineer	(301) 628-3042
C. Barnes	AAI Corporation Design	(301) 628-3157
J. Higgins	388TFW/LGMD	(801) 777-3827
D. George	ASD/YWD	(513) 255-7288
D. Amsler	AAI Corporation Quality Assurance	(301) 628-3617

SECTION IV

IN PLANT PCA PLAN



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AERONAUTICAL SYSTEMS DIVISION (AFSC)
WRIGHT-PATTERSON AIR FORCE BASE, OHIO 45433

27 AUG 1981

PL TO
TN OF: YWKB

JA CT: F-16 EWTD Contract F33657-79-C-0820, Functional Configuration
Audit/Physical Configuration Audit (FCA/PCA) Requirement

TO: AAI Corporation
Attn: Mr. H.W. Winston
P.O. Box 6767
Baltimore, MD 21204

1. Paragraph B8062A.9 of the F-16 EWTD Statement of Work requires a PCA be conducted on the EWTD in accordance with MIL-STD-1521. This paragraph also states that the FCA/PCA shall be continued after shipment and installation and finished prior to Air Force acceptance.
2. This plan takes into consideration the proposed schedule submitted by AAI letter 130/CE-4053, 12 Aug 81, which will be responded to under a separate letter. During Phase I, an in-plant audit will be conducted immediately after USAF in-plant testing, to establish a conditional hardware baseline. It is estimated to take three to four days for this effort. The product baseline will be fully established during Phase II after integration and USAF testing. The FCA will be conducted after completion of USAF testing just prior to the final PCA. A configuration inspection of unit #2 will be required prior to tear down and shipment to the integration site.
3. Request AAI review the attached plans and indicate concurrence or nonconcurrence by letter to the Air Force no later than 21 Sep 81. Also provide start date for PCA.

Richard S. White

RICHARD S. WHITE, Major, USAF
Group Leader, Contracts Div. RECEIVED BY
Deputy for Simulators

2 Atchs

1. In-plant PCA Plan
2. PCA Checklist

Cy to: DCASMA, Baltimore

DATE			
IDENT NO. SEP 2 1981			
ACTION		REF	
PREPARED	DATE	MATERIALS	DATE
HLW	R	FOU	L
		WJG	R
		CE	R
FUE		0	CE-4053

IN PLANT PCA PLAN

SCOPE: The purpose of this audit is to conduct a formal examination of the as-built version of the simulator against its technical documentation in order to establish the simulator's basis.

TIME: After USAF in-plant testing and prior to tear down for shipment. During the audit, the trainer will have power "off" and therefore will be unavailable for any other activity.

REQUIREMENT: a. At the time of audit, for the selected assemblies AAI shall compile and make available the following information for ready references:

- . List of approved/pending (if any) changes to the designated assemblies.

- . List of shortage items.

- . Drawing Index - breaking out family tree with current revision level and outstanding engineering changes.

- . A copy of current corporate engineering change procedures.

- . A list of outstanding deviations/waivers.

- . Component cross reference list.

- . Current blueprints of those assemblies/detail parts, selected by ASD as those items to be audited. (To include inspection records)

b. AAI shall provide the following for the audit team:

- . Equipment needed for the audit, as required.

- . A large working bench for blueprint layout near the trainer.

PROCEDURES: a. A random selection of assemblies will be made using AAI's drawing tree. The QAR records, MRB action records, shortage slips, deviations/waivers and drawings versus hardware will be thoroughly inspected. Five working days prior to the scheduled audit, AAI will be notified which assemblies have been selected.

b. Upon start of the audit AAI will provide all of the required documentation.

c. The selected assemblies will be inspected after the documentation has been thoroughly audited.*

d. The PCA team will conduct a "walk through" review of the engineering release system for familiarization, and to observe how the configuration management system operates from initial design through release, including changes.

*Recommend utilizing the attached checklist/DR form (modified as/if required) for recording audit information.

POST PCA REQUIREMENTS - Upon completion of the PCA, AAI shall prepare and distribute minutes in accordance with DI-E-3118 documenting the audit. These minutes shall include, but not be limited to:

- . Overview
- . List of assemblies audited
- . Team members
- . Findings (copies of checklist/DR Form)
- . Follow-up action

LIST NO. _____

PCA CHECKLIST

TYPE: GA, SCHE. PL, ETC.

IDN

N/NO.:

SERIAL NO.:

REJECT

CLATURE:

YES

NO

MAJOR

MINOR

IE TATION

Drawing Released

Approved Changes Referenced on Dwg (ECN)

Approved Changes Incorporated in Dwg (ECN)

ECN VERIFICATION

Is Latest Revision Status

ECNs Incorporated

Other

WARE AUDIT

P. t Marking in Accordance with Dwg
R uirements

All Materials/Parts Required by Dwg

I ncorporated

Dimensions in Accordance with Drawing

Approved Changes Incorporated ECN/DCNs

Other

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWARE

AUDITED BY:

DATE:

RECAPTIVE ACTION/COMMENTS

NAME:

DATE:

RECAPTIVE ACTION/DISPOSITION

SECTION V

LIST OF ASSEMBLIES
TO BE AUDITED

ATTACHMENT 1

	<u>Part Number</u>	<u>Name</u>
1.	56919-46001	Guide, Card Extractor
2.	56919-47205	Right Angle Extender Card
3.	56919-48008	Panel Assembly
4.	56919-49420	Cable, Instructor Azimuth
5.	56919-49410	Cable, Cockpit Azimuth
6.	56919-48002	Overheat Sensor
7.	56919-48010	Station Assembly
8.	56919-40100	Primary TDU Indicator Assembly
9.	56919-40110	TDU Ind, Aux. Cont.
10.	56919-40120	Chaff/Flare Cont. Panel
11.	56919-40130	Pod Control Panel C7854
12.	56919-47005	Display Symbol Processor
13.	56919-40018	Interface Panel
14.	LXS-D-5-OV-R	45VDC Power Supply
15.	LXS-B-24	425VDC Power Supply
16.	LXD-3-152-R	415VDC Power Supply
17.	56919-49400	MD DMA I/O Interface Cable
18.	56919-90007	Razelite 1570 CRT
19.	56919-90001	F-16 EXT Computer Spec.
20.	56919-90001	MD 10/5 Computer
21.	56919-90001-19	MD 311 Hawk Disc
22.	IP1310/ALX	Azimuth Indicator
23.	56919-90001-13	MD309 Shugart Floppy Disc
24.	56919-40030	POC and Overheat Sensor
25.	56919-40003	P.O.C. Sensor
26.	56919-40020	QTR Motherboard
27.	40133-47011-1	Bi-Directional Diff. Driver
28.	40133-47003	Expandable Decoder
29.	40133-47001	NORN I/O Control
30.	56919-47002	Triple 16-Bit Register
31.	56919-47005	Display Symbol Processor
32.	56919-47006	Symbol Generator
33.	56919-47201	69 Display Driver
34.	40133-47208	PPG
35.	56919-47004	PPG Pulse Measurement
36.	56919-47009	Special Effects Audio
37.	3VH40/1CND5	Connector
38.	SN60KMAP1-062	Solder
39.	M16878-1-22KT	Wire
40.	MS27737-236	Switch, Toggle
41.	M19500/521-02	Light, Diode
42.	17541-12	Strain Relief
43.	M28731/20-0001	Contact
44.	M23053/5-CL1-0750	Tubing Heat Shrink
45.	M23053/5-CL1-0750	Tubing Heat Shrink
46.	JANIX13614	Diode Semi-Conductor
47.	38T66	Terminal Board
48.	531000F10606-2	Brace
49.	D1-4A	Smoke Detector
50.	MS35480-6	Ground

ATTACHMENT 1
(Continued)

	<u>Part Number</u>	<u>Name</u>
51.	F101-125V34	Fuse
52.	MS21266-28	Grommet
53.	JAN251485	XISTOR
54.	03-30	Display
55.	M27/166-05	XFORMER
56.	MS21266-28	Grommet
57.	56-19-84120	Wire Data List
58.	M22129AW24	Sleeving Insulation
59.	2003600	Panel, Edge Lit
60.	CFDANTS1762-2	Indicator Lamp
61.	702-3728-01-03-00	Header
62.	1062	Status
63.	1001	Arithmetic
64.	1002	Registers
65.	1007	Decoding
66.	1006	OR Logic
67.	1167	4K PROM
68.	1075	Micro Addressing
69.	1120	Time Control
70.	1058	Interrupt Control
71.	1008	Interrupt Register
72.	1127	Transceiver Control
73.	1119	Transceiver Address
74.	1125	Transceiver Data
75.	1166	Programmable Clock
76.	1040	Paging
77.	1121	Panel Control
78.	1114	Panel Transceiver
79.	1115	Lamp Register
80.	1096	DMA Address
81.	1093	Branch Transceiver
82.	1101	Branch Control
83.	1132	32 KM RAM
84.	1095	Terminal Buffer
85.	1170	External Interrupt
86.	1111	Floppy Disc Control
87.	1118	Floppy Disc Data
88.	1155	Bus Control
89.	1126	Cache Memory
90.	1172	DMA Interface
91.	1168	Differential DMA Adapter
92.	1013	Device Register
93.	1129	DMA Register
94.	1036	Disc Transceiver
95.	1037	Disc Control
96.	1039	Disc Timing
97.	1107	Disc Sequence
98.	1100	Line Printer Interface
99.	1015	Device Register
100.	1123	Portec M Control A
101.	1124	Portec M Control B
102.	1125	Portec M Control C

ATTACHMENT 2 AIRWORK REQUIREMENTS

1. 40133-47001
2. 40133-47003
3. 40133-47011-1
4. 40133-47208
5. 56919-47002
6. 56919-47004
7. 56919-47005
8. 56919-47006
9. 56919-47009
10. 56919-47201

SECTION VI

PCA AGENDA

**Physical Configuration Audit Agenda
F-16 Electronic Warfare Training Device**

Audit Date: 14 - 16 December 1981

Location: AAI Corporation (F-16 Lab "N" Bldg.)

Security Clearance: Unclassified

Contract: F33657-79-C-0820

Equipment: F-16 EWTD

Scope/Purpose:

A Physical Configuration Audit (PCA) will be conducted on the F-16 Device to insure accuracy of the identifying documentation and to establish a final product baseline.

Previous Reviews:

Preliminary Design Review 24 June 1980
Critical Design Review 6 - 9 April 1981

Guidance Documentation for PCA:

DOD-STD-480 Configuration Control - Engineering Changes, Deviations and Waivers - 12 April 1978

MIL-STD-482 Configuration Status Accounting Data - 01 April 1974

MIL-STD-483 (USAF) Configuration Management Practices for Systems, Equipment, Munitions, and Computer Programs - 31 December 1970

MIL-STD-490 Specification Practices, with Change Dated 01 February 1969
30 October 1968

MIL-STD-1521A Technical Reviews and Audits for Systems, Equipment, and Computer Programs (Appendix F) - 29 September 1978

Detail Audit Itinerary

14 December 1981

0800

Introduction of Attendees
Review of Equipment and Program Status
Audit Team Organization and Assignment of Responsibilities
Review of Drawings/Lists, Specifications, Etc.

1200

Lunch

1300

Audit Teams Continue Review

15 December 1981 Through 16 December if Required

0800

Meeting of Audit Teams
Review of Documentation Continued

1200

Lunch

1300

Audit Teams Continue Review

16 December 1981 or Final Day

0800

1. Critique Audit

- a. Identify Discrepancies and Corrective Actions
- b. Prepare Minutes by Recording Audit Results/Discrepancies
- c. Resolve Audit Discrepancies Recorded
- d. Establish Production Baseline for F-16 EWTD

2. Final Review and Audit

- a. Prepare, Review and Sign minutes

SECTION VII

CONFIGURATION AUDIT
DISCREPANCY/COMMENT
REPORTS

The following assemblies in the NORD-10 computer were checked for revision levels, part numbers, and location in the computer. In the abbreviated check, no discrepancies were found.

<u>P/N</u>	<u>Name</u>
1062	Status
1001	Arithmetic
1002	Registers
1007	Decoding
1006	OR Logic
1167	4K Prom
1075	Micro Addressing
1120	Time Control
1058	Interrupt Control
1008	Interrupt Register
1127	Transceiver Control
1119	Transceiver Address
1125	Transceiver Data
1121	Panel Control
1114	Panel Transceiver
1115	Lamp Register
1096	DMA Address
1093	Branch Transceiver
1101	Branch Control
1132	32 KW RAM
1095	Terminal Buffer
1170	External Interrupt
1111	Floppy Disc Control
1118	Floppy Disc Data
1155	Bus Control
1126	Cache Memory
1172	DMA Interface
1168	Differential DMA Adapter
1036	Disc Transceiver
1037	Disc Control
1039	Disc Timing

CHECKLIST NO. 1

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.: 56919-90001-40 ^{SHEET 29} REV C SERIAL NO.:

REJECT

NOMENCLATURE:

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released
2. Approved Changes Referenced on Dwg (ECN)
3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status
5. ECNs Incorporated
6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements
8. All Materials/Parts Required by Dwg Incorporated
9. Dimensions in Accordance with Drawing
10. Approved Changes Incorporated ECN/DCNs
11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

Documentation and Hardware of slot numbers and cards do not compare from slot 9 down to slot 19.

HARDWARE

SLOT 9 - 1166 C	SLOT 14 - 1170 C
" 10 - 1166 C	" 15 - 1111 D
" 11 - 1155 B	" 16 - 1118 D
" 12 - 1172 E	" 17 - 1095 H
" 13 - 1172 E	" 18 - BLANK

AUDITED BY: PHDDATE: 14-12-81

CORRECTIVE ACTION/COMMENTS

AAI DWG WILL BE CORRECTED TO REFLECT PROPER SLOT ARRANGEMENT.

NAME: R. P. PulemDATE: 12-16-81

RECHECK ACTION/DISPOSITION

Checked by [Signature]

CHECKLIST NO. 1A

PCA CHECKLIST

DRAWING TYPE: GA, SCHE. PL, ETC.

REVISION

DRAWING NO.: 56919-90001-40 Rev C ^{Sheet 30}

SERIAL NO.:

REJECT

NOMENCLATURE:

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released
2. Approved Changes Referenced on Dwg (ECN)
3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status
5. ECNs Incorporated
6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements
8. All Materials/Parts Required by Dwg Incorporated
9. Dimensions in Accordance with Drawing
10. Approved Changes Incorporated ECN/DCNs
11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

Documentation and Hardware of slot numbers and cards do not compare.
Norst Manuals indicate correct slot position / PARI drawing does not

HARDWARE

Hardware has one additional DIFF DMA Adapter PN 1168 not indicated in drawings

AUDITED BY: PAKDATE: 14-12-81

CORRECTIVE ACTION/COMMENTS

THE CARD WILL BE REMOVED FROM
THE ABOVE SLOT.

NAME: R. PutnamDATE: 12.16.81

RECHECK ACTION/DISPOSITION

RECNLIST NO. 2

PCA CHECKLIST

DRAWING TYPE: CA, SCHE. PL, ETC.

REVISION

DRAWING NO.:

SERIAL NO.:

REJECT

SIGNATURE:

PAGING

P/O 1040

Rev V

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

Paging SL 0 14 P/O 1040 Rev IV

HARDWARE

PCB WROUG REV LEVEL

Paging SL 0 14 P/O 1040 Rev IV

AUDITED BY:

Jet

DATE: *14 DEC 81*

CORRECTIVE ACTION/COMMENTS

AAI WILL INVESTIGATE FOR MOST CURRENT REVISION LEVEL.

NAME:

R. Palumbo

DATE: *12.16.81*

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 3

PCA CHECKLIST

DRAWING TYPE: GA, SCHE. PL, ETC.

REVISION

DRAWING NO.:

SERIAL NO.:

REJECT

NOMENCLATURE: RTC Slot 4 Programmable P/C 1166 Rev C YES NO MAJOR MINOR

DOCUMENTATION

1. Drawing Released
2. Approved Changes Referenced on Dwg (ECN)
3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status
5. ECNs Incorporated
6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements
8. All Materials/Parts Required by Dwg Incorporated
9. Dimensions in Accordance with Drawing
10. Approved Changes Incorporated ECN/DCNs
11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

Slot 4 Doc. shows RTC 1210 Rev E.

HARDWARE

WFO by P/C AND REV
HARDWARE shows RTC Programmable P/C 1166 Rev C

Comments:

Work charged to P/C 1166 Rev C no documentation for changes.

AUDITED BY: JetDATE: 14 Dec 81

CORRECTIVE ACTION/COMMENTS

NORSK DOCUMENTATION WILL BE
UPDATE FOR THE P/C 1166.

NAME: R. PatnamDATE: 12.16.81

RECHECK ACTION/DISPOSITION

CHECKLIST NO. 3A

PCA CHECKLIST

DRAWING TYPE: GA, SCHE. PL, ETC.

REVISION

DRAWING NO.:

SERIAL NO.:

REJECT

NOMENCLATURE:

8700 IC
BTC Programmable

(Failed)

P/L HLG Rev

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

Proper P/L and Rev level

HARDWARE

Beard has tape indicating failed item.

AUDITED BY: JetDATE: 14 Dec 81

CORRECTIVE ACTION/COMMENTS

THIS WAS CHECKED AND FOUND TO
BE IN GOOD ORDER. NO ACTION REQ'D.NAME: R. PutnamDATE: 12-16-81

RECHECK ACTION/DISPOSITION

ClosedNAME: Peash JonesDATE: 12-11-81

CHECKLIST NO. 4

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA

PL

REVISION

B

A

DRAWING NO.: 40133-47003SERIAL NO.: 0001

REJECT

NOMENCLATURE: ENCLOSURE DAWNER

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

✓

5. ECNs Incorporated

✓

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWAREAUDITED BY: 7/2/01

DATE:

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 5

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA

PL

REVISION

B

D

DRAWING NO.: 56919-47004SERIAL NO.: 1597

REJECT

NOMENCLATURE: PPG PULSE MEASUREMENT

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released ☒
2. Approved Changes Referenced on Dwg (ECN) ☒
3. Approved Changes Incorporated in Dwg (ECN) ☒

INSPECTION VERIFICATION

4. To Latest Revision Status ☒
5. ECNs Incorporated ☒
6. Other ☐

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements ☒
8. All Materials/Parts Required by Dwg Incorporated ☒
9. Dimensions in Accordance with Drawing ☒
10. Approved Changes Incorporated ECN/DCNs ☒
11. Other ☐

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

AUDITED BY: DG PPI

DATE:

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 6

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

PL GA

REVISION

L G

DRAWING NO.: 56919-47005SERIAL NO.: 0001

REJECT

NOMENCLATURE: DISPLAY SUBCLOCK PROCESSOR

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

PL - RELEASED TO REV C

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

✓ - NO INSPECTION REQUIRED

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

(Reference Designation #147
ITEM 14)

1. PARTS LIST CALLS FOR M38510/00205800 PL - J.

INSTALLED IS THIS

U127-PL-M38510/0170/000 MICROCIRCUIT - S/B SOCKET.

U137-PL-SN0544333 - INSTALLED SNC 54333

HARDWARE

AUDITED BY: D.E.H.DATE: 12/14/81

CORRECTIVE ACTION/COMMENTS

1. CORRECT PART WILL BE ADDED TO ASSY.

2. DWG WILL BE CORRECTED.

3. CORRECT PART WILL BE INSTALLED ON ASSY U137.

NAME: R PutnamDATE: 12.16.81

RECHECK ACTION/DISPOSITION

Drawing corrected 12/16/81

NAME:

DATE:

WORKLIST NO. 1

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA

VISION

D

DRAWING NO.: 56919-4700

SERIAL NO.: 0001

REJECT

SIGNATURE: WARD I/O CONTROL

YES

NO

MAJOR

MINOR

DOCUMENTATION

Drawing Released

✓

Approved Changes Referenced on Dwg (ECN)

✓

Approved Changes Incorporated in Dwg (ECN)

✓

SPECIFICATION VERIFICATION

To Latest Revision Status

✓

ECNs Incorporated

✓

Other

HARDWARE AUDIT

Part Marking in Accordance with Dwg Requirements

✓

All Materials/Parts Required by Dwg Incorporated

✓

Dimensions in Accordance with Drawing

✓

Approved Changes Incorporated ECN/DCNs

✓

Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

QUALITY

THE NUT STRAP HOLDING THE SCREW BETWEEN U141 AND U142 IS STRIPPED OUT AT THAT SCREW LOCATION.

AUDITED BY: ARR

DATE: 12-15-81

CORRECTIVE ACTION/COMMENTS

STRAP.

MFG WILL REPLACE THE ABOVE NUT

NAME: R. P. Thomas

DATE: 12-16-81

CHECK ACTION/DISPOSITION

NAME:

DATE:

ECNLIST NO. 8

PCA CHECKLIST

AWING TYPE: GA, SCHE, PL, ETC.

VISION

AWING NO.: 40133-47208SERIAL NO.: 1595

REJECT

MENCLATURE: Programmable Pulse Generator

YES

NO

MAJOR

MINOR

DOCUMENTATION

Drawing Released

✓

Approved Changes Referenced on Dwg (ECN)

✓

Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

To Latest Revision Status

✓

ECNs Incorporated

✓

Other

HARDWARE AUDIT

Part Marking in Accordance with Dwg Requirements

✓

All Materials/Parts Required by Dwg Incorporated

✓

Dimensions in Accordance with Drawing

✓

Approved Changes Incorporated ECN/DCNs

✓

Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

AUDITED BY:

Paul Hufham

DATE:

14/12/81 A

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

CHECK ACTION/DISPOSITION

NAME:

DATE:

ECKLIST NO. 9

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

VISION

B B

DRAWING NO.: 56919-40003

SERIAL NO.:

REJECT

NOMENCLATURE: P.O.C. 50,154

YES

NO

MAJOR

MINOR

DOCUMENTATION

- Drawing Released
- Approved Changes Referenced on Dwg (ECN) ✓
- Approved Changes Incorporated in Dwg (ECN) ✓

INSPECTION VERIFICATION

- To Latest Revision Status ✓
- ECNs Incorporated ✓
- Other

HARDWARE AUDIT

- Part Marking in Accordance with Dwg Requirements ✓
- All Materials/Parts Required by Dwg Incorporated ✓
- Dimensions in Accordance with Drawing ✓
- Approved Changes Incorporated ECN/DCNs ✓
- Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

NO TESTING VERIFICATION CALLED OUT BY EITHER API OR
SINGER LINK.

AUDITED BY: SGT HUEHAM

DATE:

CORRECTIVE ACTION/COMMENTS

AIR FORCE ACTION ITEMNAME: P. PetersonDATE: 12.15.81

CHECK ACTION/DISPOSITION

Closed.NAME: Pearl D. JonesDATE: 17-12-81

CHECKLIST NO. 10

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.:

SERIAL NO.:

REJECT

NOMENCLATURE: Tablet Panel Data Recorder 102

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

Schematic manual drawings in commercial manual N-Z leg bte

HARDWARE

AUDITED BY: JetDATE: 17 Dec 81

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

ClosedNAME: Peggy D JonesDATE: 17-16-81

CHECKLIST NO. 11 PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.: 56919-4000SERIAL NO.: 0001

REJECT

NOMENCLATURE: Display Generator

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released ☒
2. Approved Changes Referenced on Dwg (ECN) ☒
3. Approved Changes Incorporated in Dwg (ECN) ☒

INSPECTION VERIFICATION

4. To Latest Revision Status ☒
5. ECNs Incorporated ☒
6. Other ☐

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements ☒
8. All Materials/Parts Required by Dwg Incorporated ☒
9. Dimensions in Accordance with Drawing ☒
10. Approved Changes Incorporated ECN/DCNs ☒
11. Other ☒

DISCREPANCIES/COMMENTS

DOCUMENTATION

Discrepancies: Resistors indicated by R15, R3, R14 & R4 are in reference designation block on drawing. R1 & R4 should be item 49. R3 and R15 should be added to item 32. Resistors are on hardware but in parts list.

HARDWARE

770 R74CSA on 1143 is not on parts cross reference list. 074CS1 is ok.
 P/N LM318J on 1131411 is not on parts cross reference list. LM318D is though.

AUDITED BY: JetDATE: 15 Nov 81

CORRECTIVE ACTION/COMMENTS

1. ASSEMBLY DWG WILL BE CORRECTED.
2. 56919-4000 & LM318J WILL BE ADDED DWG 56919-4000 GROSS REF. LIST.

NAME: R. PlatanDATE: 12-16-81

RECHECK ACTION/DISPOSITION

Drawings corrected. 22 Nov 81. JET

NAME:

DATE:

CHECKLIST NO. 12

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA

PL

REVISION

B

C

DRAWING NO.: 40133-47011-1SERIAL NO.: 0001 + 0002

REJECT

NOMENCLATURE: B. D. ... / P. F. ...

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

1. INSPECTED 10 "A" SHOULD BE "C"

HARDWARE

AUDITED BY: JetDATE: 15 Dec 81

CORRECTIVE ACTION/COMMENTS

THE BOARD WILL BE INSPECTED TO THE LATEST REVISION LEVEL.

NAME: R. P. ...DATE: 12.16.81

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 13

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

C 5

DRAWING NO.: 56919-47001SERIAL NO.: 0001

REJECT

NOMENCLATURE: SPECIAL EFFECTS AUDIO

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released
2. Approved Changes Referenced on Dwg (ECN)
3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status
5. ECNs Incorporated
6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements
8. All Materials/Parts Required by Dwg Incorporated
9. Dimensions in Accordance with Drawing
10. Approved Changes Incorporated ECN/DCNs
11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

u121 has P/N LM318J for the IC. The parts reference list indicates LM318D.

Comment Part LM318J has a wider temperature range than LM318D. LM318 still meets MIL Spec. requirements.

AUDITED BY: JetDATE: 15 Dec 81

CORRECTIVE ACTION/COMMENTS

PART NO. LM318J WILL BE ADDED TO 56919-40040

RECHECK ACTION/DISPOSITION

NAME: R. PutnamDATE: 12.16.81

NAME:

DATE:

CHECKLIST NO. 14

PCA CHECKLIST

DRAWING TYPE: GA, SCHE. PL, ETC.

GAPL

REVISION

1224DRAWING NO.: 56919-47201SERIAL NO.: 0001

REJECT

NOMENCLATURE: 69 DISPLAY DRIVER

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released/ ☒
2. Approved Changes Referenced on Dwg (ECN) ☒
3. Approved Changes Incorporated in Dwg (ECN) ☒

INSPECTION VERIFICATION

4. To Latest Revision Status ☒
5. ECNs Incorporated ☒
6. Other ☐

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements ☒
8. All Materials/Parts Required by Dwg Incorporated ☒
9. Dimensions in Accordance with Drawing ☒
10. Approved Changes Incorporated ECN/DCNs ☒
11. Other ☐

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

AUDITED BY: JimDATE: 15 Dec 81

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 15

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.: 5297 - 40020SERIAL NO.: 0001

REJECT

NOMENCLATURE: FPSU2 ASSY2-40-12-1000

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released ✓
2. Approved Changes Referenced on Dwg (ECN) ✓
3. Approved Changes Incorporated in Dwg (ECN) ✓

INSPECTION VERIFICATION

4. To Latest Revision Status ✓
5. ECNs Incorporated ✓
6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements ✓
8. All Materials/Parts Required by Dwg Incorporated ✓
9. Dimensions in Accordance with Drawing ✓
10. Approved Changes Incorporated ECN/DCNs ✓
11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

7. All not in upper left corner of HARDWARE

2-40-12-1000 Bldg Dwg NOTE [1] Dwg 40020

ITEM 72-CLAMP Loop- Dwg say 3 places - only 2 shown only 2 loops on board.

AUDITED BY: DEHDATE: 12/14/81

CORRECTIVE ACTION/COMMENTS #7 MARK HWARE IN ACCORDANCE WITH DWG.

#8 ADD CLAMP TO HWARE AS INDICATED BY THE DWG.
AND ASSY WILL BE INSPECTED TO LATEST REVISION.NAME: R. PutnamDATE: 12.16.81

RECHECK ACTION/DISPOSITION

CHECKLIST NO. 16

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

B B

DRAWING NO.: 56919-49410

SERIAL NO.:

REJECT

NOMENCLATURE: CABLE COCKPIT ASSEMBLY

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

DRAWING INDICATES FOR MARKER 'R' 1A1M13/52A11T3
SHOULD READ 1A1M13/52A1J3.

HARDWARE

AUDITED BY: A. H. H.DATE: 15-12-81

CORRECTIVE ACTION/COMMENTS

DWG WILL BE CORRECTED TO READ "1A1M13/52A1J3".

RECHECK ACTION/DISPOSITION

NAME: R. PutnamDATE: 12-16-81

NAME:

DATE:

CHECKLIST NO. 17

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

E F

DRAWING NO.: 56919-40018

SERIAL NO.:

REJECT

NOMENCLATURE: Connector Panel Assembly

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

✓

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

TO MAINTAIN CONSISTENCY WITH DWG 56919-40017
TR 1 AND TR 2 SHOULD BE REFERENCED ON DWG
56919-40018.

HARDWARE

AUDITED BY: L. HughesDATE: 15-12-81

CORRECTIVE ACTION/COMMENTS

DWG WILL BE CORRECTED TO REF TR 1 & 2.

NAME: R. PutnamDATE: 12-16-81

RECHECK ACTION/DISPOSITION

✓ Drawing correct. 12-21-81 RJP/MS 2

NAME:

DATE:

CHECKLIST NO. 18

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

PL

REVISION

F

DRAWING NO.: 56919-40130SERIAL NO.: 0002

REJECT

NOMENCLATURE: POD CONTROL PANEL C7834

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

AUDITED BY: JankDATE: 15 Dec 81

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

CHECKLIST NO. 19

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

B B

DRAWING NO.: 56919-40026

SERIAL NO.:

REJECT

NOMENCLATURE: PANEL ASSEMBLY

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWAREAUDITED BY: P. H. H. H.DATE: 15-12-81CORRECTIVE ACTION/COMMENTSRECHECK ACTION/DISPOSITION

NAME:

DATE:

NAME:

DATE:

CHECKLIST NO. 20

PCA CHECKLIST

DRAWING TYPE: GA, SCHE. PL, ETC.

REVISION

DRAWING NO.: 56919-47002SERIAL NO.: 0001

REJECT

NOMENCLATURE: TRIPLE 16 BIT REGISTER ASSY

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

AUDITED BY: JmtDATE: 15 Dec 81

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 21

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.: 56919-49402

SERIAL NO.:

REJECT

NOMENCLATURE: CORD/AAI INTERFACE CABLE

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

#9 The dimension of the "Y" at each end of cable to connector is specified 12.00 ± 1.00". Actual cable is approx 9.5" to 9.625"

AUDITED BY: PHHDATE: 15 Dec 81

CORRECTIVE ACTION/COMMENTS

THE CABLE DWG DIM. 12.00 WILL SHOW A TOLERANCE OF ±3.00.

NAME: R PatnamDATE: 12.16.81

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 22

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

G K

DRAWING NO.: 56919-40110SERIAL NO.: 0002

REJECT

NOMENCLATURE: TOLL INDICATOR AUX CONTROL

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released ✓
2. Approved Changes Referenced on Dwg (ECN) ✓
3. Approved Changes Incorporated in Dwg (ECN) ✓

INSPECTION VERIFICATION

4. To Latest Revision Status ✓
5. ECNs Incorporated ✓
6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements ✓
8. All Materials/Parts Required by Dwg Incorporated ✓
9. Dimensions in Accordance with Drawing ✓
10. Approved Changes Incorporated ECN/DCNs ✓
11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

QUALITY

FRONT PANEL HAS NO SUPPORT ON UPPER PART
OF PLATE.

AUDITED BY: P. K. G. H.DATE: 15-12-81

CORRECTIVE ACTION/COMMENTS

ASSY FUNCTION WILL BE TESTED AFTER
INSTALLATION INTO A TFS COCKPIT.

NAME: R. P. G. H.DATE: 12-16-81

RECHECK ACTION/DISPOSITION

CHECKLIST NO. 23

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

C D

DRAWING NO.: 56919-4002

SERIAL NO.:

REJECT

NOMENCLATURE: OVERHEAT SENSOR ASSEMBLY

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released ☒
2. Approved Changes Referenced on Dwg (ECN) ☒
3. Approved Changes Incorporated in Dwg (ECN) ☒

INSPECTION VERIFICATION

4. To Latest Revision Status ☒
5. ECNs Incorporated ☒
6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements ☒
8. All Materials/Parts Required by Dwg Incorporated ☒
9. Dimensions in Accordance with Drawing ☒
10. Approved Changes Incorporated ECN/DCNs ☒
11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

Assembly drawing does not match the installed item.
ON THE BOARD TB1 HAS PIN 1 AND PIN 6 MARKER
BUT NOT ON THE DRAWING

HARDWARE

AUDITED BY: P. H. H.DATE: 12-12-81

CORRECTIVE ACTION/COMMENTS

MARKING FOOTPOLE

DWG WILL BE REVISED TO INDICATE PIN 1
1/A/W DWG 56919-4004 Smith

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 24

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

F T

DRAWING NO.: 56919-40120SERIAL NO.: 0002

REJECT

NOMENCLATURE: CHAFF/FLARE CONTROL PANEL

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

✓

5. ECNs Incorporated

✓

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWAREAUDITED BY: P. HughesDATE: 15-12-81CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 25

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA PL

REVISION

B 0

DRAWING NO.: 56919-40100SERIAL NO.: 0007

REJECT

NOMENCLATURE: PRIMARY TOOL INDICATOR

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

✓

5. ECNs Incorporated

✓

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWAREAUDITED BY: G. J. [Signature]DATE: 15-12-81CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 26

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

GA

REVISION

13

DRAWING NO.: 26.914-4442C

SERIAL NO.: -

REJECT

NOMENCLATURE: GA-12 In. diameter Azimuth

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released ☒
2. Approved Changes Referenced on Dwg (ECN) ☒
3. Approved Changes Incorporated in Dwg (ECN) ☒

INSPECTION VERIFICATION

4. To Latest Revision Status ☒
5. ECNs Incorporated ☒
6. Other ☐

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements ☒
8. All Materials/Parts Required by Dwg Incorporated ☒
9. Dimensions in Accordance with Drawing ☒
10. Approved Changes Incorporated ECN/DCNs ☒
11. Other ☐

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWAREAUDITED BY: JetDATE: 15 Dec 81CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 27

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.: ~~52414-47201~~ SERIAL NO.:

REJECT

NOMENCLATURE: Right Angle Extender Card

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

✓

5. ECNs Incorporated

✓

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWARE

AUDITED BY:

JetDATE: 16 Dec 81CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 28

PCA CHECKLIST

DRAWING TYPE: GA. SCHE. PL, ETC.

REVISION

DRAWING NO.: 40133 - 40001

SERIAL NO.:

REJECT

NOMENCLATURE: Guide Card Extracts

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

✓

2. Approved Changes Referenced on Dwg (ECN)

✓

3. Approved Changes Incorporated in Dwg (ECN)

✓

INSPECTION VERIFICATION

4. To Latest Revision Status

✓

5. ECNs Incorporated

✓

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

✓

8. All Materials/Parts Required by Dwg Incorporated

✓

9. Dimensions in Accordance with Drawing

✓

10. Approved Changes Incorporated ECN/DCNs

✓

11. Other

DISCREPANCIES/COMMENTSDOCUMENTATIONHARDWAREAUDITED BY: JetDATE: 16 Dec 81CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 29

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.: 56919-90001-19

SERIAL NO.:

REJECT

NOMENCLATURE: LOC HAZARD DISC DRIVE

YES

NO

MAJOR

MINOR

DOCUMENTATION

1. Drawing Released

2. Approved Changes Referenced on Dwg (ECN)

3. Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

4. To Latest Revision Status

5. ECNs Incorporated

6. Other

HARDWARE AUDIT

7. Part Marking in Accordance with Dwg Requirements

8. All Materials/Parts Required by Dwg Incorporated

9. Dimensions in Accordance with Drawing

10. Approved Changes Incorporated ECN/DCNs

11. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

AUDITED BY: JetDATE: 16 Dec 81

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

RECHECK ACTION/DISPOSITION

NAME:

DATE:

CHECKLIST NO. 30

PCA CHECKLIST

DRAWING TYPE: GA, SCHE, PL, ETC.

REVISION

DRAWING NO.: 52-19-90007

SERIAL NO.:

REJECT

NOMENCLATURE: HAZELTINE 1520

YES

NO

MAJOR

MINOR

DOCUMENTATION

- . Drawing Released
- . Approved Changes Referenced on Dwg (ECN)
- . Approved Changes Incorporated in Dwg (ECN)

INSPECTION VERIFICATION

- . To Latest Revision Status
- . ECNs Incorporated
- . Other

/

consistent with

commercial

HARDWARE AUDIT

- . Part Marking in Accordance with Dwg Requirements
- . All Materials/Parts Required by Dwg Incorporated
- . Dimensions in Accordance with Drawing
- 0. Approved Changes Incorporated ECN/DCNs
- 1. Other

DISCREPANCIES/COMMENTS

DOCUMENTATION

HARDWARE

AUDITED BY:

Jct

DATE:

10 Dec 81

CORRECTIVE ACTION/COMMENTS

NAME:

DATE:

CHECK ACTION/DISPOSITION

NAME:

DATE:

DATE
FILMED

2-8